Unit 7 Day 6   Name_____
G-MG.2

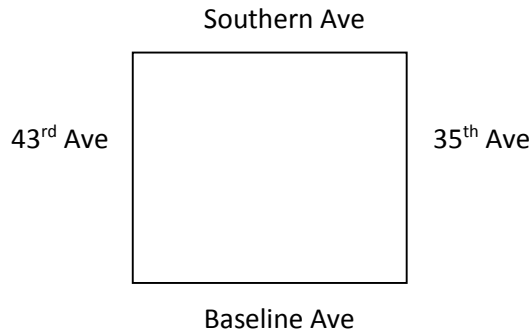**Population Density =** $\dfrac{population}{area}$
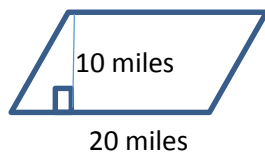
If our area is measured in square miles, use the following diagram to get a visual of what a square mile radius would look like.

Southern Ave

43rd Ave   35th Ave

Baseline Ave

Task 1: Using the provided information about population density by state, answer the following questions:

1.   Which state has the smallest population density?

2.   Which state has the highest population density?

3.   Where would you rather live?

Task 2: Given that there are 20 tigers living on the given area of land, what is the population density of tigers?

10 miles

20 miles

Task 3: Use the following formula to answer questions 1 – 6

Population Density = population/area

1. What is the population density of China? _____ people per square mile

Population: 1,321,851,888

Area: 5,795,162 square miles

2. What is the area of the U.S.? _____ people per square mile

Population: 301,139,947

Population density: 53 people/square mile

3. What is the population density of Monaco? _____ people per square mile

Population: 32,671

Area: 1.2 square miles

4. What is the population of Canada? _____ people

Population density: 4 people per sq mile, total area 9,093,510.0

Area: 3,854,085 square miles

5. Which of the four countries above has the highest population density? Which has the lowest?

Highest _____   Lowest _____

6. Which country has the largest land area? Which has the smallest?

Largest _____   Smallest _____